

504	15.4	81.1	177892	2	AL127187	AC127187 Rattus no
505	15.4	81.1	177521	2	AL161438	AL161438 Homo sapi
506	15.4	81.1	177521	2	AL161438	AL161438 Homo sapi
507	15.4	81.1	178875	2	AL1001567	AL1001567 Homo sapi
508	15.4	81.1	178875	2	AL1001567	AL1001567 Homo sapi
509	15.4	81.1	180167	2	AL129246	AL129246 Rattus no
510	15.4	81.1	180167	2	AL129246	AL129246 Rattus no
511	15.4	81.1	180396	2	AL1445683	AL1445683 Homo sapi
512	15.4	81.1	180396	2	AL1445683	AL1445683 Homo sapi
513	15.4	81.1	180742	2	AL1459950	AL1459950 Human DNA
514	15.4	81.1	182813	2	AL1459950	AL1459950 Human DNA
515	15.4	81.1	183928	2	AL1292773	AL1292773 Homo sapi
516	15.4	81.1	184148	2	AL1292773	AL1292773 Homo sapi
517	15.4	81.1	184148	2	AL1292773	AL1292773 Homo sapi
518	15.4	81.1	184587	2	AL1256333	AL1256333 Mus muscu
519	15.4	81.1	184587	2	AL1256333	AL1256333 Mus muscu
520	15.4	81.1	184827	2	AL1099617	AL1099617 Homo sapi
521	15.4	81.1	186175	2	AL1099617	AL1099617 Homo sapi
522	15.4	81.1	186534	2	AL1094570	AL1094570 Rattus no
523	15.4	81.1	187192	2	AL128532	AL128532 Rattus no
524	15.4	81.1	187959	2	AL128532	AL128532 Rattus no
525	15.4	81.1	190420	2	AL128532	AL128532 Rattus no
526	15.4	81.1	190494	2	AL128532	AL128532 Rattus no
527	15.4	81.1	191675	2	AL121789	AL121789 Homo sapi
528	15.4	81.1	192149	2	AL1091884	AL1091884 Homo sapi
529	15.4	81.1	194461	2	AL1091884	AL1091884 Homo sapi
530	15.4	81.1	194753	2	AL1091884	AL1091884 Homo sapi
531	15.4	81.1	196292	2	AL1091884	AL1091884 Homo sapi
532	15.4	81.1	196411	2	AL1091884	AL1091884 Homo sapi
533	15.4	81.1	196591	2	AL1091884	AL1091884 Homo sapi
534	15.4	81.1	200019	2	AL104890	AL104890 Mus muscu
535	15.4	81.1	200203	2	AL104890	AL104890 Mus muscu
536	15.4	81.1	201725	2	AL104890	AL104890 Mus muscu
537	15.4	81.1	204151	2	AL104890	AL104890 Mus muscu
538	15.4	81.1	204307	2	AL104890	AL104890 Mus muscu
539	15.4	81.1	204708	2	AL104890	AL104890 Mus muscu
540	15.4	81.1	205415	2	AL104890	AL104890 Mus muscu
541	15.4	81.1	207943	2	AL104890	AL104890 Mus muscu
542	15.4	81.1	207943	2	AL104890	AL104890 Mus muscu
543	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
544	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
545	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
546	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
547	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
548	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
549	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
550	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
551	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
552	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
553	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
554	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
555	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
556	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
557	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
558	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
559	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
560	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
561	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
562	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
563	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
564	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
565	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
566	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
567	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
568	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
569	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
570	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
571	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
572	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
573	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
574	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
575	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
576	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu
577	15.4	81.1	208161	2	AL104890	AL104890 Mus muscu

65	78.59	145684	6	AL000000	Human Sapi	724	15	78.59	145684	6	AL000000	Human Sapi
66	78.59	147490	5	AL000000	Human Sapi	724	15	78.59	147490	5	AL000000	Human Sapi
67	78.59	147727	2	AL0011950	Human Sapi	724	15	78.59	147727	2	AL0011950	Human Sapi
68	78.59	149416	2	AL0021065	Human Sapi	724	15	78.59	149416	2	AL0021065	Human Sapi
69	78.59	149494	2	AL118862	Human Sapi	724	15	78.59	149494	2	AL118862	Human Sapi
70	78.59	149951	2	AL121681	Human Sapi	724	15	78.59	149951	2	AL121681	Human Sapi
71	78.59	150116	2	AL000000	Human Sapi	724	15	78.59	150116	2	AL000000	Human Sapi
72	78.59	150596	9	AL000000	Human Sapi	724	15	78.59	150596	9	AL000000	Human Sapi
73	78.59	151141	9	AL000000	Human Sapi	724	15	78.59	151141	9	AL000000	Human Sapi
74	78.59	151159	2	AL000000	Human Sapi	724	15	78.59	151159	2	AL000000	Human Sapi
75	78.59	151874	2	AL000000	Human Sapi	724	15	78.59	151874	2	AL000000	Human Sapi
76	78.59	152113	2	AL115205	Human Sapi	724	15	78.59	152113	2	AL115205	Human Sapi
77	78.59	152837	9	AL000000	Human Sapi	724	15	78.59	152837	9	AL000000	Human Sapi
78	78.59	152837	9	AL000000	Human Sapi	724	15	78.59	152837	9	AL000000	Human Sapi
79	78.59	154886	9	AL115125	Human Sapi	724	15	78.59	154886	9	AL115125	Human Sapi
80	78.59	154898	9	AL115125	Human Sapi	724	15	78.59	154898	9	AL115125	Human Sapi
81	78.59	155151	2	AL118802	Human Sapi	724	15	78.59	155151	2	AL118802	Human Sapi
82	78.59	155220	2	AL125947	Human Sapi	724	15	78.59	155220	2	AL125947	Human Sapi
83	78.59	155278	9	BS000000	Human Sapi	724	15	78.59	155278	9	BS000000	Human Sapi
84	78.59	155375	9	BS000000	Human Sapi	724	15	78.59	155375	9	BS000000	Human Sapi
85	78.59	155389	9	AL000000	Human Sapi	724	15	78.59	155389	9	AL000000	Human Sapi
86	78.59	155435	2	AL000000	Human Sapi	724	15	78.59	155435	2	AL000000	Human Sapi
87	78.59	155439	2	AL000000	Human Sapi	724	15	78.59	155439	2	AL000000	Human Sapi
88	78.59	157266	9	AL000000	Human Sapi	724	15	78.59	157266	9	AL000000	Human Sapi
89	78.59	157435	9	BS000000	Human Sapi	724	15	78.59	157435	9	BS000000	Human Sapi
90	78.59	158114	2	AL000000	Human Sapi	724	15	78.59	158114	2	AL000000	Human Sapi
91	78.59	158421	2	AL000000	Human Sapi	724	15	78.59	158421	2	AL000000	Human Sapi
92	78.59	158421	2	AL000000	Human Sapi	724	15	78.59	158421	2	AL000000	Human Sapi
93	78.59	162107	2	AL000000	Human Sapi	724	15	78.59	162107	2	AL000000	Human Sapi
94	78.59	162440	2	AL000000	Human Sapi	724	15	78.59	162440	2	AL000000	Human Sapi
95	78.59	163384	9	AL000000	Human Sapi	724	15	78.59	163384	9	AL000000	Human Sapi
96	78.59	163602	2	AL110246	Human Sapi	724	15	78.59	163602	2	AL110246	Human Sapi
97	78.59	165535	9	AL000000	Human Sapi	724	15	78.59	165535	9	AL000000	Human Sapi
98	78.59	165742	2	AL104221	Human Sapi	724	15	78.59	165742	2	AL104221	Human Sapi
99	78.59	167452	2	AL000000	Human Sapi	724	15	78.59	167452	2	AL000000	Human Sapi
100	78.59	168465	2	AL000000	Human Sapi	724	15	78.59	168465	2	AL000000	Human Sapi
101	78.59	168550	2	AL105474	Human Sapi	724	15	78.59	168550	2	AL105474	Human Sapi
102	78.59	169140	2	AL000000	Human Sapi	724	15	78.59	169140	2	AL000000	Human Sapi
103	78.59	170251	2	AL000000	Human Sapi	724	15	78.59	170251	2	AL000000	Human Sapi
104	78.59	170529	9	AL000000	Human Sapi	724	15	78.59	170529	9	AL000000	Human Sapi
105	78.59	170561	9	AL000000	Human Sapi	724	15	78.59	170561	9	AL000000	Human Sapi
106	78.59	170578	2	AL110704	Human Sapi	724	15	78.59	170578	2	AL110704	Human Sapi
107	78.59	170600	2	AL117558	Human Sapi	724	15	78.59	170600	2	AL117558	Human Sapi
108	78.59	171204	9	AL000000	Human Sapi	724	15	78.59	171204	9	AL000000	Human Sapi
109	78.59	172495	2	AL128002	Human Sapi	724	15	78.59	172495	2	AL128002	Human Sapi
110	78.59	172689	9	AL000000	Human Sapi	724	15	78.59	172689	9	AL000000	Human Sapi
111	78.59	172691	9	AL000000	Human Sapi	724	15	78.59	172691	9	AL000000	Human Sapi
112	78.59	174202	9	AL000000	Human Sapi	724	15	78.59	174202	9	AL000000	Human Sapi
113	78.59	174211	2	AL120062	Human Sapi	724	15	78.59	174211	2	AL120062	Human Sapi
114	78.59	174764	2	AL000000	Human Sapi	724	15	78.59	174764	2	AL000000	Human Sapi
115	78.59	174765	9	AL000000	Human Sapi	724	15	78.59	174765	9	AL000000	Human Sapi
116	78.59	174832	2	AL280107	Human Sapi	724	15	78.59	174832	2	AL280107	Human Sapi
117	78.59	175939	2	AL000000	Human Sapi	724	15	78.59	175939	2	AL000000	Human Sapi
118	78.59	176071	2	AL000000	Human Sapi	724	15	78.59	176071	2	AL000000	Human Sapi
119	78.59	176699	9	AL000000	Human Sapi	724	15	78.59	176699	9	AL000000	Human Sapi
120	78.59	176734	9	BS000000	Human Sapi	724	15	78.59	176734	9	BS000000	Human Sapi
121	78.59	177730	9	AL000000	Human Sapi	724	15	78.59	177730	9	AL000000	Human Sapi
122	78.59	177730	9	AL000000	Human Sapi	724	15	78.59	177730	9	AL000000	Human Sapi
123	78.59	177864	9	AL114471	Human Sapi	724	15	78.59	177864	9	AL114471	Human Sapi
124	78.59	178050	9	AL000000	Human Sapi	724	15	78.59	178050	9	AL000000	Human Sapi
125	78.59	178517	2	AL119435	Human Sapi	724	15	78.59	178517	2	AL119435	Human Sapi
126	78.59	178519	2	AL119435	Human Sapi	724	15	78.59	178519	2	AL119435	Human Sapi
127	78.59	178557	9	AL000000	Human Sapi	724	15	78.59	178557	9	AL000000	Human Sapi
128	78.59	180236	10	AL000000	Human Sapi	724	15	78.59	180236	10	AL000000	Human Sapi
129	78.59	180334	2	AL124300	Human Sapi	724	15	78.59	180334	2	AL124300	Human Sapi
130	78.59	180646	2	AL100065	Human Sapi	724	15	78.59	180646	2	AL100065	Human Sapi
131	78.59	181041	2	AL000000	Human Sapi	724	15	78.59	181041	2	AL000000	Human Sapi
132	78.59	181151	2	AL117997	Human Sapi	724	15	78.59	181151	2	AL117997	Human Sapi

797	14.8	77.9	56.2	9	AF016372	AF016372 Mus muscu	869	14.8	77.9	42.90	10	AF006649	AF006649 Mus muscu
798	14.8	77.9	585	4	AF016373	AF016373 Mus muscu	870	14.8	77.9	43.14	9	AF006650	AF006650 Mus muscu
799	14.8	77.9	639	11	AF016374	AF016374 Mus muscu	871	14.8	77.9	43.18	9	AF006651	AF006651 Mus muscu
800	14.8	77.9	668	11	AF016375	AF016375 Mus muscu	872	14.8	77.9	43.18	9	AF006652	AF006652 Mus muscu
801	14.8	77.9	696	9	AF016376	AF016376 Mus muscu	873	14.8	77.9	43.18	9	AF006653	AF006653 Mus muscu
802	14.8	77.9	744	9	AF016377	AF016377 Mus muscu	874	14.8	77.9	43.18	9	AF006654	AF006654 Mus muscu
803	14.8	77.9	828	4	AF016378	AF016378 Mus muscu	875	14.8	77.9	43.18	9	AF006655	AF006655 Mus muscu
804	14.8	77.9	881	9	AF016379	AF016379 Mus muscu	876	14.8	77.9	43.18	9	AF006656	AF006656 Mus muscu
805	14.8	77.9	951	8	AF016380	AF016380 Mus muscu	877	14.8	77.9	43.18	9	AF006657	AF006657 Mus muscu
806	14.8	77.9	1049	5	AF016381	AF016381 Mus muscu	878	14.8	77.9	43.18	9	AF006658	AF006658 Mus muscu
807	14.8	77.9	1041	5	AF016382	AF016382 Mus muscu	879	14.8	77.9	43.18	9	AF006659	AF006659 Mus muscu
808	14.8	77.9	1047	5	AF016383	AF016383 Mus muscu	880	14.8	77.9	43.18	9	AF006660	AF006660 Mus muscu
809	14.8	77.9	1049	5	AF016384	AF016384 Mus muscu	881	14.8	77.9	43.18	9	AF006661	AF006661 Mus muscu
810	14.8	77.9	1049	5	AF016385	AF016385 Mus muscu	882	14.8	77.9	43.18	9	AF006662	AF006662 Mus muscu
811	14.8	77.9	1104	8	AF016386	AF016386 Mus muscu	883	14.8	77.9	43.18	9	AF006663	AF006663 Mus muscu
812	14.8	77.9	1154	3	AF016387	AF016387 Mus muscu	884	14.8	77.9	43.18	9	AF006664	AF006664 Mus muscu
813	14.8	77.9	1188	9	AF016388	AF016388 Mus muscu	885	14.8	77.9	43.18	9	AF006665	AF006665 Mus muscu
814	14.8	77.9	1293	9	AF016389	AF016389 Mus muscu	886	14.8	77.9	43.18	9	AF006666	AF006666 Mus muscu
815	14.8	77.9	1296	6	AF016390	AF016390 Mus muscu	887	14.8	77.9	43.18	9	AF006667	AF006667 Mus muscu
816	14.8	77.9	1422	10	AF016391	AF016391 Mus muscu	888	14.8	77.9	43.18	9	AF006668	AF006668 Mus muscu
817	14.8	77.9	1524	10	AF016392	AF016392 Mus muscu	889	14.8	77.9	43.18	9	AF006669	AF006669 Mus muscu
818	14.8	77.9	1524	10	AF016393	AF016393 Mus muscu	890	14.8	77.9	43.18	9	AF006670	AF006670 Mus muscu
819	14.8	77.9	1550	6	AF016394	AF016394 Mus muscu	891	14.8	77.9	43.18	9	AF006671	AF006671 Mus muscu
820	14.8	77.9	1550	6	AF016395	AF016395 Mus muscu	892	14.8	77.9	43.18	9	AF006672	AF006672 Mus muscu
821	14.8	77.9	1568	10	AF016396	AF016396 Mus muscu	893	14.8	77.9	43.18	9	AF006673	AF006673 Mus muscu
822	14.8	77.9	1640	9	AF016397	AF016397 Mus muscu	894	14.8	77.9	43.18	9	AF006674	AF006674 Mus muscu
823	14.8	77.9	1654	5	AF016398	AF016398 Mus muscu	895	14.8	77.9	43.18	9	AF006675	AF006675 Mus muscu
824	14.8	77.9	1768	9	AF016399	AF016399 Mus muscu	896	14.8	77.9	43.18	9	AF006676	AF006676 Mus muscu
825	14.8	77.9	1790	9	AF016400	AF016400 Mus muscu	897	14.8	77.9	43.18	9	AF006677	AF006677 Mus muscu
826	14.8	77.9	1791	9	AF016401	AF016401 Mus muscu	898	14.8	77.9	43.18	9	AF006678	AF006678 Mus muscu
827	14.8	77.9	1812	9	AF016402	AF016402 Mus muscu	899	14.8	77.9	43.18	9	AF006679	AF006679 Mus muscu
828	14.8	77.9	1818	9	AF016403	AF016403 Mus muscu	900	14.8	77.9	43.18	9	AF006680	AF006680 Mus muscu
829	14.8	77.9	1837	9	AF016404	AF016404 Mus muscu	901	14.8	77.9	43.18	9	AF006681	AF006681 Mus muscu
830	14.8	77.9	1861	9	AF016405	AF016405 Mus muscu	902	14.8	77.9	43.18	9	AF006682	AF006682 Mus muscu
831	14.8	77.9	1920	9	AF016406	AF016406 Mus muscu	903	14.8	77.9	43.18	9	AF006683	AF006683 Mus muscu
832	14.8	77.9	1929	9	AF016407	AF016407 Mus muscu	904	14.8	77.9	43.18	9	AF006684	AF006684 Mus muscu
833	14.8	77.9	2027	9	AF016408	AF016408 Mus muscu	905	14.8	77.9	43.18	9	AF006685	AF006685 Mus muscu
834	14.8	77.9	2046	9	AF016409	AF016409 Mus muscu	906	14.8	77.9	43.18	9	AF006686	AF006686 Mus muscu
835	14.8	77.9	2150	9	AF016410	AF016410 Mus muscu	907	14.8	77.9	43.18	9	AF006687	AF006687 Mus muscu
836	14.8	77.9	2156	9	AF016411	AF016411 Mus muscu	908	14.8	77.9	43.18	9	AF006688	AF006688 Mus muscu
837	14.8	77.9	2189	9	AF016412	AF016412 Mus muscu	909	14.8	77.9	43.18	9	AF006689	AF006689 Mus muscu
838	14.8	77.9	2217	9	AF016413	AF016413 Mus muscu	910	14.8	77.9	43.18	9	AF006690	AF006690 Mus muscu
839	14.8	77.9	2225	9	AF016414	AF016414 Mus muscu	911	14.8	77.9	43.18	9	AF006691	AF006691 Mus muscu
840	14.8	77.9	2240	9	AF016415	AF016415 Mus muscu	912	14.8	77.9	43.18	9	AF006692	AF006692 Mus muscu
841	14.8	77.9	2248	9	AF016416	AF016416 Mus muscu	913	14.8	77.9	43.18	9	AF006693	AF006693 Mus muscu
842	14.8	77.9	2248	9	AF016417	AF016417 Mus muscu	914	14.8	77.9	43.18	9	AF006694	AF006694 Mus muscu
843	14.8	77.9	2274	9	AF016418	AF016418 Mus muscu	915	14.8	77.9	43.18	9	AF006695	AF006695 Mus muscu
844	14.8	77.9	2294	6	AF016419	AF016419 Mus muscu	916	14.8	77.9	43.18	9	AF006696	AF006696 Mus muscu
845	14.8	77.9	2309	9	AF016420	AF016420 Mus muscu	917	14.8	77.9	43.18	9	AF006697	AF006697 Mus muscu
846	14.8	77.9	2320	4	AF016421	AF016421 Mus muscu	918	14.8	77.9	43.18	9	AF006698	AF006698 Mus muscu
847	14.8	77.9	2357	9	AF016422	AF016422 Mus muscu	919	14.8	77.9	43.18	9	AF006699	AF006699 Mus muscu
848	14.8	77.9	2373	10	AF016423	AF016423 Mus muscu	920	14.8	77.9	43.18	9	AF006700	AF006700 Mus muscu
849	14.8	77.9	2375	9	AF016424	AF016424 Mus muscu	921	14.8	77.9	43.18	9	AF006701	AF006701 Mus muscu
850	14.8	77.9	2381	10	AF016425	AF016425 Mus muscu	922	14.8	77.9	43.18	9	AF006702	AF006702 Mus muscu
851	14.8	77.9	2520	9	AF016426	AF016426 Mus muscu	923	14.8	77.9	43.18	9	AF006703	AF006703 Mus muscu
852	14.8	77.9	2565	9	AF016427	AF016427 Mus muscu	924	14.8	77.9	43.18	9	AF006704	AF006704 Mus muscu
853	14.8	77.9	2565	9	AF016428	AF016428 Mus muscu	925	14.8	77.9	43.18	9	AF006705	AF006705 Mus muscu
854	14.8	77.9	2565	9	AF016429	AF016429 Mus muscu	926	14.8	77.9	43.18	9	AF006706	AF006706 Mus muscu
855	14.8	77.9	2565	9	AF016430	AF016430 Mus muscu	927	14.8	77.9	43.18	9	AF006707	AF006707 Mus muscu
856	14.8	77.9	2565	9	AF016431	AF016431 Mus muscu	928	14.8	77.9	43.18	9	AF006708	AF006708 Mus muscu
857	14.8	77.9	2565	9	AF016432	AF016432 Mus muscu	929	14.8	77.9	43.18	9	AF006709	AF006709 Mus muscu
858	14.8	77.9	2565	9	AF016433	AF016433 Mus muscu	930	14.8	77.9	43.18	9	AF006710	AF006710 Mus muscu
859	14.8	77.9	2565	9	AF016434	AF016434 Mus muscu	931	14.8	77.9	43.18	9	AF006711	AF006711 Mus muscu
860	14.8	77.9	2565	9	AF016435	AF016435 Mus muscu	932	14.8	77.9	43.18	9	AF006712	AF006712 Mus muscu
861	14.8	77.9	2565	9	AF016436	AF016436 Mus muscu	933	14.8	77.9	43.18	9	AF006713	AF006713 Mus muscu
862	14.8	77.9	2565	9	AF016437	AF016437 Mus muscu	934	14.8	77.9	43.18	9	AF006714	AF006714 Mus muscu
863	14.8	77.9	2565	9	AF016438	AF016438 Mus muscu	935	14.8	77.9	43.18	9	AF006715	AF006715 Mus muscu
864	14.8	77.9	2565	9	AF016439	AF016439 Mus muscu	936	14.8	77.9	43.18	9	AF006716	AF006716 Mus muscu
865	14.8	77.9	2565	9	AF016440	AF016440 Mus muscu	937	14.8	77.9	43.18	9	AF006717	AF006717 Mus muscu
866	14.8	77.9	2565	9	AF016441	AF016441 Mus muscu	938	14.8	77.9	43.18	9	AF006718	AF006718 Mus muscu
867	14.8	77.9	2565	9	AF016442	AF016442 Mus muscu	939	14.8	77.9	43.18	9	AF006719	AF006719 Mus muscu
868	14.8	77.9	2565	9	AF016443	AF016443 Mus muscu	940	14.8	77.9	43.18	9	AF006720	AF006720 Mus muscu
							941	14.8	77.9	43.18	9	AF006721	AF006721 Mus muscu

[illegible]

[illegible]

[illegible]

* 96601		90700: gap of unknown length
* 96701		11404: cont'd of 2524 bp in length
* 11405		11404: gap of unknown length
* 11405		14782: cont'd of 2774 bp in length
* 14783		14782: gap of unknown length
* 14783		16706: cont'd of 2524 bp in length
* 16707		16706: gap of unknown length
* 16707		16782: cont'd of 4076 bp in length
<hr/>		
Location/Qualifiers		
1: 157932		
/organism "Hus musculus"		
/db_arch "Genomic1000"		
/clone "RP2-21D2"		
4728 a 5224 c 5040 g 4645 i 154 others		
<hr/>		
Query Match		
Best Local Similarity 94.7% Prod. No. 94		
Matches 18; Mismatches 0;		
<hr/>		
Q5 1 GGAAGGACATGAACCC 19		
TT GGTGGTAAAGGAGAAGCACT 2719		
<hr/>		
RESULTS		
Accession		
DEFINITION Homo sapiens chromosome 7 clone RP2-21D2, complete sequence.		
ACCESSION AF048665		
VERSION AF048665.2 GI:12545416		
SOURCE HIG.		
ORGANISM Homo sapiens.		
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Euarchonta; Primates; Catarrhini; Hominoidea; Homo.		
REFERENCE 1 (bases 1 to 218186)		
Kaul,R.K., Zhou,Y., James,E.A., Raymond,C., Baeten,E.D. and Olson,M.V., Large-scale Mapping and Sequencing of Human Chromosome 7 Published 2 (bases 1 to 218186)		
Kaul,R., Olson,M.V., Raymond,C., Cloudmound,L. and Baeten,E. Direct Subison Genom Center, University of Washington, Box 352145, Seattle, WA 98195, USA		
JOURNAL Submitted (04-Oct-2000)		
3 (bases 1 to 218186)		
Kaul,R.K., Zhou,Y., James,E.A., Raymond,C., Baeten,E.D. and Olson,M.V. Direct Submission Genom Center, University of Washington, Box 352145, Seattle, WA 98195, USA		
JOURNAL Submitted (26-Jan-2001)		
Box 352145, Seattle, WA 98195, USA		
On Jan 26, 2001 this sequence version replaced at:1567630.		
<hr/>		
COMMENT		
Center: University of Washington Genome Center		
Center Code: UWG		
Web site: http://www.genome.washington.edu		
Contact: uwg@genome.washington.edu		
Project Information		
<hr/>		
Center project name: HsCh17		
Center clone name: RP2-21D2 (d1s708)		
<hr/>		
Summary Statistics		
Sequencing vector: plasmid; X52328; 100% of reads chemistry: by terminator fluorescent; look of reads Assembly program: phrap; version 0.990319		
Consensus quality: 217694 bases at least Q40		
Consensus quality: 218145 bases at least Q60		
Consensus quality: 218186 bases at least Q20		
Insert size: 274875; 19.1% error; autoscp		
Insert coverage: 8.4x in 920 bases; autoscp		
Quality coverage: 8.4x in 920 bases; autoscp		

Unpublished
2 (bases 1 to 227224)
W: J. K.C.
Direct Submission
Submitted (10-JAN-2002) Human Genome Sequencing Center, Department
of Molecular and Human Genetics, Baylor College of Medicine, one
Baylor Plaza, Houston, TX 77030, USA
4 (bases 1 to 227224)
Worley, K.C.
Direct Submission
Submitted (15-JUL-2002) Human Genome Sequencing Center, Department
of Molecular and Human Genetics, Baylor College of Medicine, one
Baylor Plaza, Houston, TX 77030, USA
on Jul 12, 2002 this sequence version replaced 4115701692.
----- Genome Center
Center: Baylor College of Medicine
Contig code: BCM
Web site: <http://www.bcm.tmc.edu/genetics/seq/chr14/>
Contact: base@hgc.tmc.edu
----- Project Information
Center project name: CNR8
Center clone name: CH210-296P17
----- Summary Statistics
Sequencing vector: Plasmid
Chemistry: dye-terminator Big Dye; look of reads
Assembly program: phrap; version 0.990329
Consensus quality: 176819 bases at least Q40
Consensus quality: 182782 bases at least Q30
Consensus quality: 187747 bases at least Q20

* NOTE: Estimated insert size may differ from sequence length
(see <http://www.bcm.tmc.edu/genetics/seq/chr14/> data.html).
* NOTE: This is a "working draft" sequence. It currently
* consists of 54 contigs. The true order of the pieces
* is not known and their order in this sequence record is
* arbitrary. Gaps between the contigs are represented as
* runs of N, but the exact sizes of the gaps are unknown.
* This record will be updated with the finished sequence
* as soon as it is available and the accession number will
* be preserved.
*
* 1 1196: contig of 1196 bp in length
* 1197 1296: gap of unknown length
* 1297 2663: contig of 1367 bp in length
* 2664 2763: gap of unknown length
* 2764 4227: contig of 1554 bp in length
* 4228 4428: gap of unknown length
* 4429 5434: contig of 1007 bp in length
* 5435 5545: gap of unknown length
* 5546 7155: contig of 1621 bp in length
* 7156 8649: gap of unknown length
* 8650 8750 8749: gap of unknown length
* 8751 10367: contig of 1618 bp in length
* 10368 10467: gap of unknown length
* 10468 11713: contig of 1246 bp in length
* 11714 11813: gap of unknown length
* 11814 13224: contig of 1411 bp in length
* 13225 13324: gap of unknown length
* 13325 14475: contig of 1151 bp in length
* 14476 14575: gap of unknown length
* 14576 15718: contig of 1143 bp in length
* 15719 15818: gap of unknown length
* 15819 17501: contig of 1683 bp in length
* 17502 17601: gap of unknown length
* 17602 19078: gap of unknown length
* 19079 19178: gap of unknown length
* 19179 20780: contig of 1552 bp in length
* 20781 20830: gap of unknown length
* 20831 23249: gap of unknown length
* 23250 23436: contig of 2419 bp in length
* 23437 26336: gap of unknown length
* 26337 28683: contig of 2447 bp in length
* 28684 31300: gap of unknown length
* 31301 31473: gap of unknown length
* 31474 31973: gap of unknown length
* 31974 32740: gap of unknown length
* 32741 33565: gap of unknown length
* 33566 34107: contig of 2257 bp in length
* 34108 34227: gap of unknown length
* 34228 34534: gap of unknown length
* 34535 34734: gap of unknown length
* 34735 34819: contig of 824 bp in length
* 34820 34907: gap of unknown length
* 34908 35267: gap of unknown length
* 35268 35712: contig of 5529 bp in length
* 35713 35813: gap of unknown length
* 35814 35976: contig of 4064 bp in length
* 35977 36309: gap of unknown length
* 36310 36405: gap of unknown length
* 36406 36524: gap of unknown length
* 36525 36928: contig of 2904 bp in length
* 36929 37098: gap of unknown length
* 37099 37403: contig of 4405 bp in length
* 37404 37503: gap of unknown length
* 37504 37947: contig of 4443 bp in length
* 37948 38523: contig of 6076 bp in length
* 38524 39011: contig of 4678 bp in length
* 39012 39012: gap of unknown length
* 39013 39112: contig of 2611 bp in length
* 39113 39163: contig of 4954 bp in length
* 39164 39207: gap of unknown length
* 39208 39308: gap of unknown length
* 39309 394167: gap of unknown length
* 394168 394267: gap of unknown length
* 394268 394368: gap of unknown length
* 394369 394468: gap of unknown length
* 394469 394568: gap of unknown length
* 394569 394668: gap of unknown length
* 394669 394768: gap of unknown length
* 394769 394868: gap of unknown length
* 394869 394968: gap of unknown length
* 394969 395068: gap of unknown length
* 395069 395168: gap of unknown length
* 395169 395268: gap of unknown length
* 395269 395368: gap of unknown length
* 395369 395468: gap of unknown length
* 395469 395568: gap of unknown length
* 395569 395668: gap of unknown length
* 395669 395768: gap of unknown length
* 395769 395868: gap of unknown length
* 395869 395968: gap of unknown length
* 395969 396068: gap of unknown length
* 396069 396168: gap of unknown length
* 396169 396268: gap of unknown length
* 396269 396368: gap of unknown length
* 396369 396468: gap of unknown length
* 396469 396568: gap of unknown length
* 396569 396668: gap of unknown length
* 396669 396768: gap of unknown length
* 396769 396868: gap of unknown length
* 396869 396968: gap of unknown length
* 396969 397068: gap of unknown length
* 397069 397168: gap of unknown length
* 397169 397268: gap of unknown length
* 397269 397368: gap of unknown length
* 397369 397468: gap of unknown length
* 397469 397568: gap of unknown length
* 397569 397668: gap of unknown length
* 397669 397768: gap of unknown length
* 397769 397868: gap of unknown length
* 397869 397968: gap of unknown length
* 397969 398068: gap of unknown length
* 398069 398168: gap of unknown length
* 398169 398268: gap of unknown length
* 398269 398368: gap of unknown length
* 398369 398468: gap of unknown length
* 398469 398568: gap of unknown length
* 398569 398668: gap of unknown length
* 398669 398768: gap of unknown length
* 398769 398868: gap of unknown length
* 398869 398968: gap of unknown length
* 398969 399068: gap of unknown length
* 399069 399168: gap of unknown length
* 399169 399268: gap of unknown length
* 399269 399368: gap of unknown length
* 399369 399468: gap of unknown length
* 399469 399568: gap of unknown length
* 399569 399668: gap of unknown length
* 399669 399768: gap of unknown length
* 399769 399868: gap of unknown length
* 399869 399968: gap of unknown length
* 399969 400068: gap of unknown length
* 400069 400168: gap of unknown length
* 400169 400268: gap of unknown length
* 400269 400368: gap of unknown length
* 400369 400468: gap of unknown length
* 400469 400568: gap of unknown length
* 400569 400668: gap of unknown length
* 400669 400768: gap of unknown length
* 400769 400868: gap of unknown length
* 400869 400968: gap of unknown length
* 400969 401068: gap of unknown length
* 401069 401168: gap of unknown length
* 401169 401268: gap of unknown length
* 401269 401368: gap of unknown length
* 401369 401468: gap of unknown length
* 401469 401568: gap of unknown length
* 401569 401668: gap of unknown length
* 401669 401768: gap of unknown length
* 401769 401868: gap of unknown length
* 401869 401968: gap of unknown length
* 401969 402068: gap of unknown length
* 402069 402168: gap of unknown length
* 402169 402268: gap of unknown length
* 402269 402368: gap of unknown length
* 402369 402468: gap of unknown length
* 402469 402568: gap of unknown length
* 402569 402668: gap of unknown length
* 402669 402768: gap of unknown length
* 402769 402868: gap of unknown length
* 402869 402968: gap of unknown length
* 402969 403068: gap of unknown length
* 403069 403168: gap of unknown length
* 403169 403268: gap of unknown length
* 403269 403368: gap of unknown length
* 403369 403468: gap of unknown length
* 403469 403568: gap of unknown length
* 403569 403668:

RESULT 1	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50	Q51	Q52	Q53	Q54	Q55	Q56	Q57	Q58	Q59	Q60	Q61	Q62	Q63	Q64	Q65	Q66	Q67	Q68	Q69	Q70	Q71	Q72	Q73	Q74	Q75	Q76	Q77	Q78	Q79	Q80	Q81	Q82	Q83	Q84	Q85	Q86	Q87	Q88	Q89	Q90	Q91	Q92	Q93	Q94	Q95	Q96	Q97	Q98	Q99	Q100
RESULT 1	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50	Q51	Q52	Q53	Q54	Q55	Q56	Q57	Q58	Q59	Q60	Q61	Q62	Q63	Q64	Q65	Q66	Q67	Q68	Q69	Q70	Q71	Q72	Q73	Q74	Q75	Q76	Q77	Q78	Q79	Q80	Q81	Q82	Q83	Q84	Q85	Q86	Q87	Q88	Q89	Q90	Q91	Q92	Q93	Q94	Q95	Q96	Q97	Q98	Q99	Q100
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50	Q51	Q52	Q53	Q54	Q55	Q56	Q57	Q58	Q59	Q60	Q61	Q62	Q63	Q64	Q65	Q66	Q67	Q68	Q69	Q70	Q71	Q72	Q73	Q74	Q75	Q76	Q77	Q78	Q79	Q80	Q81	Q82	Q83	Q84	Q85	Q86	Q87	Q88	Q89	Q90	Q91	Q92	Q93	Q94	Q95	Q96	Q97	Q98	Q99	Q100	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50	Q51	Q52	Q53	Q54	Q55	Q56	Q57	Q58	Q59	Q60	Q61	Q62	Q63	Q64	Q65	Q66	Q67	Q68	Q69	Q70	Q71	Q72	Q73	Q74	Q75	Q76	Q77	Q78	Q79	Q80	Q81	Q82	Q83	Q84	Q85	Q86	Q87	Q88	Q89	Q90	Q91	Q92	Q93	Q94	Q95	Q96	Q97	Q98	Q99	Q100	

* overlap relationships among clones to be deduced.
 * However, it should not be assumed that this clone
 * will be sequenced to completion. In the event that
 * the record is updated, the accession number will
 * be preserved.

1 722: contig of 722 bp in length
 * 723 822: gap of 100 bp in length
 * 823 1516: contig of 724 bp in length
 * 1517 1646: gap of 100 bp
 * 1647 2365: contig of 719 bp in length
 * 2366 2465: gap of 100 bp
 * 2466 3164: contig of 699 bp in length
 * 3165 4264: gap of 100 bp
 * 4265 3972: contig of 708 bp in length
 * 3973 4072: gap of 100 bp
 * 4073 4764: contig of 692 bp in length
 * 4765 4864: gap of 100 bp
 * 4865 5555: contig of 691 bp in length
 * 5556 5655: gap of 100 bp
 * 5656 6349: contig of 694 bp in length
 * 6350 6449: gap of 100 bp
 * 6450 7158: contig of 709 bp in length
 * 7159 7258: gap of 100 bp
 * 7259 7952: contig of 694 bp in length
 * 7953 8052: gap of 100 bp
 * 8053 8765: contig of 713 bp in length
 * 8766 8865: gap of 100 bp
 * 8866 9556: contig of 691 bp in length
 * 9557 9656: gap of 100 bp
 * 9657 10367: contig of 711 bp in length
 * 10368 10467: gap of 100 bp
 * 10468 11184: contig of 717 bp in length
 * 11185 11284: gap of 100 bp
 * 11285 11994: contig of 713 bp in length
 * 11995 12094: gap of 100 bp
 * 12095 12784: contig of 690 bp in length
 * 12785 12884: gap of 100 bp
 * 12885 13574: contig of 690 bp in length
 * 13575 13674: gap of 100 bp
 * 13675 14379: contig of 705 bp in length
 * 14380 14479: gap of 100 bp
 * 14480 15179: contig of 700 bp in length
 * 15180 15279: gap of 100 bp
 * 15280 15977: contig of 698 bp in length
 * 15978 16077: gap of 100 bp
 * 16078 16795: contig of 718 bp in length
 * 16796 16895: gap of 100 bp
 * 16896 17604: contig of 709 bp in length
 * 17605 17704: gap of 100 bp
 * 17705 18428: contig of 724 bp in length
 * 18429 18528: gap of 100 bp
 * 18529 19247: contig of 719 bp in length
 * 19248 19347: gap of 100 bp
 * 19348 20064: contig of 717 bp in length
 * 20065 20164: gap of 100 bp
 * 20165 20865: contig of 701 bp in length
 * 20866 20965: gap of 100 bp
 * 20966 21665: contig of 700 bp in length
 * 21666 21765: gap of 100 bp
 * 21766 22468: contig of 703 bp in length
 * 22469 22568: gap of 100 bp
 * 22569 23269: contig of 692 bp in length
 * 23270 23369: gap of 100 bp
 * 23370 24065: contig of 705 bp in length
 * 24066 24165: gap of 100 bp
 * 24166 24845: contig of 696 bp in length
 * 24846 24945: gap of 100 bp
 * 24946 25645: contig of 708 bp in length
 * 25646 25754: gap of 100 bp
 * 25754 26479: contig of 726 bp in length
 * 26480 26579: gap of 100 bp
 * 26580 27288: contig of 709 bp in length
 * 27289 27388: gap of 100 bp

27389 28111: contig of 713 bp in length
 * 28112 28211: gap of 100 bp in length
 * 28212 28899: contig of 698 bp in length
 * 28900 28999: gap of 100 bp
 * 29000 29695: contig of 696 bp in length
 * 29696 29795: gap of 100 bp
 * 29796 30496: contig of 700 bp in length
 * 30496 30595: gap of 100 bp
 * 30596 31299: contig of 704 bp in length
 * 31300 31399: gap of 100 bp
 * 31400 32091: contig of 692 bp in length
 * 32092 32191: gap of 100 bp
 * 32192 32994: contig of 703 bp in length
 * 32995 32995: gap of 100 bp
 * 32996 33715: contig of 721 bp in length
 * 33716 33815: gap of 100 bp
 * 33816 34529: contig of 714 bp in length
 * 34530 35231: contig of 712 bp in length
 * 35232 35341: gap of 100 bp
 * 35342 36115: contig of 694 bp in length
 * 36116 36215: gap of 100 bp
 * 36216 36861: contig of 616 bp in length
 * 36862 36961: gap of 100 bp
 * 36962 37659: contig of 696 bp in length
 * 37660 37759: gap of 100 bp
 * 37760 38471: contig of 712 bp in length
 * 38472 38571: gap of 100 bp
 * 38572 39277: contig of 706 bp in length
 * 39278 39377: gap of 100 bp
 * 39378 40096: contig of 709 bp in length
 * 40097 40196: gap of 100 bp
 * 40197 40876: contig of 690 bp in length
 * 40877 40976: gap of 100 bp
 * 40977 41696: contig of 726 bp in length
 * 41697 41796: gap of 100 bp
 * 41797 42499: contig of 703 bp in length
 * 42500 42599: gap of 100 bp
 * 42600 43299: contig of 690 bp in length
 * 43300 43399: gap of 100 bp
 * 43400 43999: contig of 693 bp in length
 * 44000 44199: gap of 100 bp
 * 44200 44801: contig of 731 bp in length
 * 44802 44901: gap of 100 bp
 * 44902 45606: contig of 706 bp in length
 * 45607 45706: gap of 100 bp
 * 45707 46395: contig of 699 bp in length
 * 46396 46495: gap of 100 bp
 * 46496 47099: contig of 707 bp in length
 * 47100 47199: gap of 100 bp
 * 47200 48111: contig of 711 bp in length
 * 48112 48211: gap of 100 bp
 * 48212 48900: contig of 717 bp in length
 * 48901 49000: gap of 100 bp
 * 49001 49745: contig of 716 bp in length
 * 49746 49845: gap of 100 bp
 * 49846 50541: contig of 699 bp in length
 * 50542 50641: gap of 100 bp
 * 50642 51345: contig of 711 bp in length
 * 51346 51445: gap of 100 bp
 * 51446 52142: contig of 697 bp in length
 * 52143 52242: gap of 100 bp
 * 52243 52916: contig of 693 bp in length
 * 52917 53016: gap of 100 bp
 * 53017 53729: contig of 714 bp in length
 * 53730 53829: gap of 100 bp
 * 53830 54521: contig of 692 bp in length
 * 54522 54621: gap of 100 bp
 * 54622 55306: contig of 706 bp in length
 * 55307 55406: gap of 100 bp

Query Match 86.8% Score 16.1 146.2 Length 6550
 Best Local Similarity 94.4% E-Val. No. 6,700,327

repeat_region	5365..5599	note: "MIR repeat: matches 8.., 236 of consensus"	note: "MIR repeat: matches 152.., 23 of consensus"
repeat_region	7810..7942	note: "MIR repeat: matches 13.., 154 of consensus"	note: "MIR repeat: matches 149.., 84 of consensus"
repeat_region	8410..8520	note: "MIR repeat: matches 11.., 116 of consensus"	note: "MIR repeat: matches 1.., 145 of consensus"
repeat_region	9006..9089	note: "MIR repeat: matches 63.., 146 of consensus"	note: "MIR repeat: matches 119.., 236 of consensus"
repeat_region	9575..9767	note: "LI repeat: matches 5020.., 4829 of consensus"	note: "LI repeat: matches 1993.., 1 of consensus"
repeat_region	10196..10275	note: "MER2 repeat: matches 106.., 3 of consensus"	note: "LI repeat: matches 1877.., 5599 of consensus"
repeat_region	10515..10619	note: "MIR repeat: matches 49.., 153 of consensus"	note: "LI repeat: matches 166.., 386 of consensus"
repeat_region	11164..11360	note: "MIR repeat: matches 702.., 507 of consensus"	note: "LI repeat: matches 255.., 12 of consensus"
repeat_region	12097..12302	note: "MIR repeat: matches 40.., 262 of consensus"	note: "LI repeat: matches 935.., 357 of consensus"
repeat_region	12938..13023	note: "MIR repeat: matches 146.., 64 of consensus"	note: "LI repeat: matches 1877.., 5599 of consensus"
repeat_region	14787..14844	note: "26 copies of 2 mer 90 % conserved"	note: "LI repeat: matches 1.., 891 of consensus"
repeat_region	17057..17086	note: "10 copies of 3 mer 93 % conserved"	note: "LI repeat: matches 867.., 133 of consensus"
repeat_region	17105..17343	note: "MIR repeat: matches 258.., 11 of consensus"	note: "LI repeat: matches 889.., 311 of consensus"
repeat_region	17750..18041	note: "MIR repeat: matches 213.., 49 of consensus"	note: "LI repeat: matches 5129.., 5589 of consensus"
repeat_region	19193..19360	note: "MIR repeat: matches 247.., 5 of consensus"	note: "LI repeat: matches 1.., 891 of consensus"
repeat_region	20926..20962	note: "LI repeat: matches 1.., 136 of consensus"	note: "LI repeat: matches 1.., 105 of consensus"
repeat_region	20964..21104	note: "LI repeat: matches 92.., 234 of consensus"	note: "LI repeat: matches 146.., 64 of consensus"
repeat_region	21093..21869	note: "LI repeat: matches 5.., 272 of consensus"	note: "MIR repeat: matches 1489.., 1359 of consensus"
repeat_region	21856..26363	note: "LI repeat: matches 887.., 5599 of consensus"	note: "MIR repeat: matches 240.., 1 of consensus"
repeat_region	26214..27104	note: "LI repeat: matches 1.., 136 of consensus"	note: "MIR repeat: matches 78.., 113 of consensus"
repeat_region	29529..29582	note: "MIR repeat: matches 66.., 120 of consensus"	note: "MIR repeat: matches 42.., 130 of consensus"
repeat_region	30103..30321	note: "MIR repeat: matches 473.., 150 of consensus"	note: "MIR repeat: matches 76.., 824 of consensus"
repeat_region	30339..30589	note: "LI repeat: matches 909.., 659 of consensus"	note: "MIR repeat: matches 4.., 247 of consensus"
repeat_region	30596..30743	note: "MIR repeat: matches 149.., 1 of consensus"	note: "MIR repeat: matches 15.., 144 of consensus"
repeat_region	30844..31103	note: "MIR repeat: matches 1231.., 961 of consensus"	note: "MIR repeat: matches 88.., 47 of consensus"
repeat_region	31580..31951	note: "MIR repeat: matches 599.., 231 of consensus"	note: "MIR repeat: matches 1.., 300 of consensus"
repeat_region	31957..32266	note: "MIR repeat: matches 297.., 1 of consensus"	note: "MIR repeat: matches 141.., 110 of consensus"
repeat_region	32267..32482	note: "MIR repeat: matches 249.., 5 of consensus"	note: "MIR repeat: matches 6.., 215 of consensus"
repeat_region	32487..32545	note: "MIR repeat: matches 374.., 33 of consensus"	note: "MIR repeat: matches 2.., 349 of consensus"
repeat_region	32551..32850	note: "MIR repeat: matches 1.., 301 of consensus"	note: "MIR repeat: matches 233.., 529 of consensus"
repeat_region	32870..32911	note: "MIR repeat: matches 270.., 312 of consensus"	note: "MIR repeat: matches 501.., 2 of consensus"
repeat_region	32912..33202	note: "MIR repeat: matches 297.., 1 of consensus"	note: "MIR repeat: matches 424.., 304 of consensus"
repeat_region	33703..33777	note: "MIR repeat: matches 345.., 271 of consensus"	note: "MIR repeat: matches 1.., 136 of consensus"
repeat_region	33811..33871	note: "MIR repeat: matches 990.., 1050 of consensus"	note: "MIR repeat: matches 1.., 136 of consensus"
repeat_region	33898..34115	note: "MIR repeat: matches 210.., 3 of consensus"	note: "MIR repeat: matches 42.., 130 of consensus"
repeat_region	35085..35213	note: "MIR repeat: matches 210.., 3 of consensus"	note: "MIR repeat: matches 42.., 130 of consensus"


```

12729..12794
/note "53 copies 2 mer at 77% conserved"
12797..12822
/note "13 copies 2 mer at 92% conserved"
13669..14026
/note "HGV16 repeat: matches 43, 436 of consensus"
18057..18415
/note "L1P7 repeat: matches 66, 453 of consensus"
22827..22964
/note "L1P47 repeat: matches 419, 439 of consensus"
22897..23007
/note "L1P49 repeat: matches 679, 794 of consensus"
23299..23221
/note "L1P7 repeat: matches 633, 641 of consensus"
26068..26178
/note "HGV16 repeat: matches 419, 439 of consensus"
26959..27412
/note "HGV16 repeat: matches 474, 500 of consensus"
27541..27948
/note "HGV16 repeat: matches 419, 472 of consensus"
28015..28237
/note "HGV16 repeat: matches 3421, 3343 of consensus"
28652..28816
/note "MERVL repeat: matches 4056, 3226 of consensus"
29790..29988
/note "HGV16 repeat: matches 176, 1925 of consensus"
30096..30589
/note "HGV16 repeat: matches 1024, 1527 of consensus"
complement(34144..34389)
/note "Restriction digest: contains 1 copy of the
PCR. Restriction digest contains assembly"
41380..41956
/note "match: SUS: Em058892"
complement(42644..42857)
/note "match: GSS: Em084629
match: SUS: Em049618"
48054..48149
/note "MER82 repeat: matches 2, 196 of consensus"
48499..49600
/note "H0522 repeat: matches 111, 631 of consensus"
48618..55052
/note "L1P7 repeat: matches 1, 3319 of consensus"
60573..60608
/note "6 copies 6 mer: conserved 100% conserved"
61239..61418
/note "45 copies 4 mer at 11.77% conserved"
63110..63527
/note "match: GSS: Em079955"
68454..68481
/note "L1P7 repeat: matches 1, 11"
77000..78041
/note "L1P8 repeat: matches 424, 1144 of consensus"
80462..80557
/note "24 copies 4 mer at 11.86% conserved"
81237..81274
/note "10 copies 4 mer: conserved 87% conserved"
complement(88322..88383)
/note "Single clone region. Restriction digest contains
assembly"
88992..89091
/note "15 copies 6 mer: conserved 63% conserved"
90042..91436
/note "MS10-internal repeat: matches 5, 144 of consensus"
96905..96919
/note "L1P47 repeat: matches 4821, 6147 of consensus"
98614..98828
/note "H13831 repeat: matches 2190, 2418 of consensus"
102493..102845
/note "MER81A repeat: matches 1, 582 of consensus"
104339..105408
/note "H1P11 repeat: matches 5073, 6164 of consensus"
105789..106266
/note "L1P12 repeat: matches 19, 443 of consensus"

```

[illegible]

